

# ALOG

ARMY LOGISTICIAN

March-April 1985



Supporting the Future Force





# ALOG

VOLUME 17, NUMBER 2  
MARCH-APRIL 1985

## ARMY LOGISTICIAN

THE OFFICIAL MAGAZINE OF UNITED STATES ARMY LOGISTICS

Secretary of the Army  
**John O. Marsh, Jr.**

Assistant Secretary  
of the Army  
(Installations and Logistics)  
**John W. Shannon**

Deputy Chief of Staff  
for Logistics  
Department of the Army  
**Lieutenant General  
Benjamin F. Register, Jr.**

Commander  
U.S. Army Materiel Command  
**General Richard H. Thompson**

Commandant  
U.S. Army Logistics  
Management Center  
**Colonel Billy C. Holland**

Editor-in-Chief  
**Thomas A. Johnson**

Associate Editors  
**Terry R. Speights  
Justin L. Paniere**

Assistant Editors  
**Richard Ford  
Robert D. Paulus**

Art Director  
**Charles Marie**

### ARTICLES

- 2 **Logistics in the 21st Century**—J. Russell Wiltshire, D.P.A.
- 8 **The Chief of Staff Speaks on Maintenance**—ALOG Staff Feature
- 9 **Fixing Readiness**—Homer Cluck
- 10 **Army Helicopters Can Be Pre-positioned**—Major Wayne L. Dandridge
- 14 **Analyzing Deployment Effectiveness**  
—Michael G. Jackson and Stewart W. Timmerman
- 18 **Ten Hidden Factors in Spare-Parts Pricing**  
—Brigadier General Herman C. Kammer, Jr.
- 22 **Quick-Fixing the M1 Tank**—Major John T. Revelle
- 24 **Cornerstone '84—Foundation for Support**  
—Major General James R. Montgomery, USAR
- 28 **In the Dead of Winter**—Colonel Billy J. Stalcup
- 30 **TECOM Tests Ammo**—ALOG Staff Feature
- 34 **Identifying Quality Motor Sergeants**—Captain Ronald M. Buffkin
- 36 **Eating Better for Fitness**—Staff Sergeant Barbara Ray
- 38 **IMA Logistician**—ALOG Staff Feature

### DEPARTMENTS

- 1 **Emphasis**
- 40 **Digest**
- 43 **Recently Published**

**COVER**—Supporting the future force, symbolized on the cover, is the subject of the article beginning on page 2.

*Army Logistician* magazine (ISSN 0004-2528) is an official Army periodical published bimonthly by the Editor at the U.S. Army Logistics Management Center, Fort Lee, VA 23801-6044, under the sponsorship of the Assistant Secretary of the Army (Installations and Logistics), the Deputy Chief of Staff for Logistics, and the Commander, U.S. Army Materiel Command. Second class official mail postage paid at Petersburg, VA, and additional mailing offices. Postmaster: Send address changes to Editor, *ALOG Magazine*, ALMC, Fort Lee, VA 23801-6044.

*Army Logistician* publishes timely, authoritative information on Army and Defense logistics for the Active Army, Army National Guard, Army Reserve, civilian employees of the Army, and public. Our purpose is to increase knowledge and understanding of logistics and to encourage and stimulate innovative thought by providing a forum for those ideas. The views expressed are those of the authors and not necessarily those of the Department of Defense or the Department of the Army. □ Photographs are U.S. Army unless otherwise noted. □ Material may be reprinted if credit is given to the magazine and the author, except where copyright is indicated. □ Use of "he" and any of its forms includes both masculine and feminine genders. □ Articles, photographs, and items of interest on any facet of Army logistics are invited. Direct communication is authorized to: Editor, *ALOG Magazine*, ALMC, Fort Lee, VA 23801-6044. □ Use of funds for printing this publication has been approved by the Secretary of the Army on 1 October 1984, IAW provisions of AR 310-1. □ Active Army units receive copies through the initial distribution system as outlined in AR 310-2. DA Form 12-5 must be sent to Commander, AG Publications Center, 2800 Eastern Blvd., Baltimore, MD 21220-2896. ARNG and USAR units must submit requirements through state adjutants general or USAR channels. Private subscriptions and rates are available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.



## Coming in Future Issues—

- Improving Product Quality
- Modernizing the Trans-Korea Pipeline
- Field Artillery Logistics
- NBC Protection—A Personal Matter
- Combat Rations of Warsaw Pact Countries
- Captured Fuel—An Added Resource
- Log R&D: A Progress Report
- Transportation and National Security
- Hardware for Log 21
- Solving the Maintenance Downtime Problem
- Needed—A Separate Combat Recovery Unit
- Airdrop Resupply in Korea
- LEDC—An Educational Opportunity
- Modernizing Supply Distribution
- War Reserves—Key to Sustainability
- Who Gets How Many of What?
- Take-Home Training for Combat Service Support
- Case for Separate Medical Logistics Management
- Commanding a Base Camp